This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1   1. (currently amended) A system for generating
2   display presentations on a user computer, said system
3   consisting of:

4   a communication network for connecting a user
5   computer to the system, said user computer capable of
6   generating a web page request, said user computer also
7   capable of receiving and executing a web page containing
8   an HTML page and receiving and executing at least one
9   applet;

10   a web server for receiving said web page request
11   from the user computer and for serving said web page and
12   said at least one applet to the user computer over said
13   communication network, said web server further for
14   serving servlets according to a document retrieved by
15   said web server according to said web page request.

16   an HTML template comprising display information
17   including SParser commands and display data information,
18   said HTML template used for generating a display
19   presentation on the user computer according to a pre-
20   defined format;

21   a servlet engine for executing servlets served by
22   said web server according to said web page request from
23   the user computer;

24   an SParser application for interpreting said HTML
25   template, said SParser application activated by the
26   execution of said servlet by said servlet engine;

27   a database server for retrieving database data from
28   at least one database for serving to said SParser

29   application, wherein said SParser application requests

30   said database data according to data information embedded

31   within said HTML template or embedded within said web

32   page request, said database server also for serving said

33   HTML template from a template database to said SParser

34   application;

35   wherein said SParser <u>application</u> generates said web

36   page containing said HTML page containing a reference to

37   said at least one applet, said web page generated

38   according to said web page request and containing some

39   portion of said database data, said SParser <u>application</u>

40   further embedding modified data in said web page, said

41   modified data generated according to some subset of said

42   SParser commands and utilizing said database data; and

43   further wherein said web server serves said web page

44   and said applet to said user computer for directing said

45   user computer to generate a display presentation

46   according to said pre-defined format modified according

47   to said database data.

1   2. (original) The system according to claim 1,

2   wherein said at least one applet comprises a plurality of

3   applets, said plurality of applets including:

4   graphing applets for generating graphical

5   diagrams;

6   table producing applets for generating tables;

7   and

8   multimedia applets for generating multimedia

9   presentations.

1   3. (original) The system according to claim 1,
2 wherein said at least one database comprises a plurality
3 of databases including:

4   a template database;
5   a survey data database;
6   a sample and administrative data database; and
7   a normative data database.

1   4. (original) The system according to claim 1,
2 wherein said template further comprises

3   title information;
4   descriptive data for labeling said display
5 presentation; and
6   JavaScript code to communicate size and location
7 information to said at least one applet for directing the
8 size and location of a graph or a table included in said
9 display presentation.

1   5. (original) The system according to claim 4,
2 wherein said SParser application comprises:

3   macro processing services for execution said SParser
4 commands including macros;
5   output services for translating transforming
6 database data to conform to HTML or JavaScript
7 requirements;
8   database access services for maintaining connections
9 to said database server, issuing Structured Query
10 Language statements to said database server, and opening
11 and closing result sets;
12   test data identification and deletion services for
13 deleting said test data from said template;

14   Query parsing services for standardizing,

15 interpreting, and decoding an HTML queries;

16   error processing services for identifying error

17 conditions and for generating error messages and also for

18 providing query redirection when necessary; and

19   context maintenance for storing information provided

20 by a user to said user computer that identify user

21 privileges used for ensuring that said user is allowed

22 system access, display preferences for customizing said

23 display presentation, or analysis conditions also for

24 customizing said display presentation.

1   6. (original) A method for generating a web page for

2 display on a user computer, comprising the steps of:

3   receiving a web page request for generating a

4 display presentation from a user computer;

5   executing a servlet corresponding to said web page

6 request;

7   retrieving an HTML template corresponding to said

8 executed servlet;

9   interpreting said HTML template including the steps

10 of:

11   retrieving retrieved data from a database

12   according to said servlet execution;

13   executing commands referenced in said HTML

14   template, said commands for generating a display web

15   page utilizing said retrieved data;

16   serving said display web page to said user

17   computer, said display web page for generating a

18   display presentation on said user computer.

1   7. (original) A method for generating a display

2   presentation on a user computer, comprising the steps of:

3   connecting a user computer to a web server over a

4   network;

5   validating said user computer;

6   accepting a web page request from said user

7   computer;

8   determining if said web page request is for

9   generating said display presentation;

10   executing a servlet corresponding to said web page

11 request if it was determined that said web page request

12 was for generating said display presentation;

13   retrieving an HTML template corresponding to said

14 executed servlet;

15   interpreting said HTML template including the steps

16 of:

17   retrieving retrieved data from a database

18   according to said servlet execution, said retrieved

19   data including:

20   survey data and normative data for

21   generating custom display presentations; and

22   descriptive data for labeling said display

23   presentation

24   stripping test data from said HTML template;

25   embedding some portion of said retrieved data

26   in said HTML template, wherein some further portion

27   of some portion of said retrieved data replaces said

28   stripped test data;

29   executing commands referenced in said HTML

30   template, said commands for generating a display web

31   page utilizing said retrieved data;

32   serving said display web page to said user

33   computer, said display web page for generating a

34   display presentation including a graphical diagram,

35   a table, or a multi-medial presentation on said user

36   computer.

1   8. (original) A system for generating a web page for

2   display on a user computer, comprising:

3   means for receiving a web page request for

4   generating a display presentation;

5   means for executing a servlet corresponding to said

6   web page request;

7   means for retrieving an HTML template corresponding

8   to said executed servlet;

9   means for interpreting said HTML template including:

10   means for retrieving retrieved data from a

11   database according to said servlet execution;

12   means for executing commands referenced in said

13   HTML template, said commands for generating a

14   display web page utilizing said retrieved data;

15   means for serving said display web page to said

16   user computer, said display web page for generating

17   a display presentation on said user computer.

1   9. (original) A system for generating a display

2   presentation on a user computer, comprising the steps of:

3   means for connecting a user computer to a web server

4   over a network;

5   means for validating said user computer;

6   means for accepting web page requests from said user

7   computer;

8   means for determining if said web page request is

9 for generating said display presentation;

10   means for executing a servlet corresponding to said

11 web page request if it was determined that said web page

12 request was for generating said display presentation;

13   means for retrieving an HTML template corresponding

14 to said executed servlet;

15   means for interpreting said HTML template including:

16   means for retrieving retrieved data from a

17 database according to said servlet execution, said

18 retrieved data including:

19   survey data and normative data for

20 generating custom display presentations; and

21   descriptive data for labeling said display

22   presentation

23   means for stripping test data from said HTML

24 template;

25   means for embedding some portion of said

26 retrieved data in said HTML template, wherein some

27 further portion of some portion of said retrieved

28 data replaces said stripped test data;

29   means for executing commands referenced in said

30 HTML template, said commands for generating a

31 display web page utilizing said retrieved data;

32   means for serving said display web page to said

33 user computer, said display web page for generating

34 a display presentation including a graphical

35 diagram, a table, or a multi-medial presentation on

36 said user computer.

1   10. (currently amended) A method for generating a

2 plurality of display presentations on a user computer

3 comprising the steps of:

4   generating a plurality of HTML templates, each HTML

5   template for generating a different display presentation,

6   the generation of each HTML template comprising the steps

7   of:

8   designing an applet for serving to a user

9   computer, said applet designed by an applet

10   programmer;

11   designing a data-enhanced HTML test page, said

12   HTML test page designed by a database programmer,

13   wherein said HTML test page contains SParser

14   instructions ~~capable of~~ for utilizing said applet to

15   generate an unformatted test display presentation

16   utilizing test data embedded in said HTML test page;

17   designing an HTML template from said data-

18   enhanced HTML test page, said HTML template designed

19   by a style programmer, said HTML template for

20   generating a formatted test display presentation

21   utilizing said test data embedded in said HTML test

22   page and utilizing said applet; and

23   storing said HTML template in a database, said

24   HTML template referencing said applet;

25   receiving a web page request for generating a

26   desired display presentation from a user computer;

27   retrieving the corresponding HTML template for

28   generating said desired display presentation;

29   retrieving stored data corresponding to said desired

30   display presentation;

31   generating a display web page based on said

32   corresponding HTML template utilizing said retrieved

33   stored data in place of said test data and referencing its

34   corresponding applet; and

35   serving said display web page and its corresponding

36   applet to said user computer, said display web page for

37 generating said desired display presentation <u>including</u>

38 <u>already conducted survey data</u> on said user computer.

1   11. (currently amended) A system for generating a

2 plurality of display presentations on a user computer

3 comprising the steps of:

4   means for generating a plurality of HTML templates,

5 each HTML template for generating a different display

6 presentation, the generation of each HTML template

7 comprising:

8   means for designing an applet for serving to a

9 user computer, said applet designed by an applet

10 programmer;

11   means for designing a data-enhanced HTML test

12 page, said HTML test page designed by a database

13 programmer, wherein said HTML test page contains

14 SParser instructions <u>for</u> <s>capable of</s> utilizing said

15 applet to generate an unformatted test display

16 presentation utilizing test data embedded in said

17 HTML test page;

18   means for designing an HTML template from said

19 data-enhanced HTML test page, said HTML template

20 designed by a style programmer, said HTML template

21 for generating a formatted test display presentation

22 utilizing said test data embedded in said HTML test

23 page and utilizing said applet; and

24   means for storing said HTML template in a

25 database, said HTML template referencing said

26 applet;

27   means for receiving a web page request for

28 generating a desired display presentation from a user

29 computer;

30   means for retrieving the corresponding HTML template

31 for generating said desired display presentation;

32   means for retrieving stored data corresponding to

33 said desired display presentation;

34   means for generating a display web page based on said

35 corresponding HTML template utilizing said retrieved

36 stored data in place of said test data and referencing its

37 corresponding applet; and

38   means for serving said display web page and its

39 corresponding applet to said user computer, said display

40 web page for generating said desired display presentation

41 including already conducted survey data on said user

42 computer.

1   12. (new) A method for generating a web page for

2 displaying a display presentation on a user computer

3 comprising the steps of:

4   receiving a web page request from a user computer,

5 said web page request for generating said display

6 presentation on the user computer;

7   executing a servlet corresponding to said web page

8 request;

9   retrieving an HTML template according to said

10 executed servlet, said HTML template corresponding to

11 said web page request;

12   interpreting said HTML template including the steps

13 of:

14   retrieving display data from a database, said

15   display data included in one or more structure

16   tables; and

17   executing commands referenced in said HTML

18   template, said commands for generating said web page

19   utilizing said display data;

20   and

21   serving said web page to the user computer, said web

22   page thereby displaying said display presentation on the

23   user computer, wherein

24   said display presentation is for presenting survey

25   results of a previously conducted survey based on said

26   structure table, and further wherein

27   a display presentation of another survey can be

28   presented by substituting another one or more structure

29   tables for said one or more structure tables.

1   13. (new) The method of claim 12, further comprising

2   the step of serving at least one applet along with said

3   web page to the user computer, wherein said applet is for

4   displaying said display presentation on the user

5   computer, and further wherein said at least one applet is

6   a member of the group consisting of:

7   a graphing applet for generating a graphical diagram

8   on the user computer;

9   a table producing applet for generating a table on

10   the user computer; and

11   a multimedia applet for generating a multimedia

12   presentation on the user computer.

1   14. (new) The method of claim 13, wherein said HTML

2   template comprises:

3   title information;

4   descriptive data for labeling said display

5   presentation; and

6   JavaScript code to communicate size and location

7   information to said at least one applet for directing the

8   size and location of a graph or a table included in said

9   display presentation.

1   15. (new) The method of claim 13, wherein said
2 database comprises a plurality of sub-databases
3 including:
4   a template sub-database;
5   a survey data sub-database;
6   a sample and administrative data sub-database; and
7   a normative data sub-database.

1   16. (new) A method for generating a display
2 presentation on a user computer, comprising the steps of:
3   connecting a user computer to a web server over a
4 network;
5   accepting a web page request from the user computer;
6   determining if said web page request is for
7 generating said display presentation;
8   executing a servlet corresponding to said web page
9 request if it was determined that said web page request
10 was for generating said display presentation;
11   retrieving an HTML template corresponding to said
12 executed servlet;
13   interpreting said HTML template including the steps
14 of:
15   retrieving retrieved data from a database
16 according to said servlet execution, said retrieved
17 data having:
18   survey data and normative data for
19 generating custom display presentations; and
20   descriptive data for labeling said display
21 presentation;
22   embedding some portion of said retrieved data
23 in said HTML template; and

24   executing at least one command referenced in

25   said HTML template, said at least one command for

26   generating a display web page utilizing said

27   retrieved data;

28 and

29   serving said display web page to the user computer,

30 said display web page for displaying a display

31 presentation of a previously conducted survey including a

32 graphical diagram, a table, or a multi-medial

33 presentation on the user computer.

1   17. (new) The method according to claim 16 further

2 comprising the step of serving at least one applet along

3 with said web page to the user computer, wherein said

4 displaying said display presentation on the user computer

5 includes the step of executing said applet on the user

6 computer, and further wherein said at least one applet is

7 a member of the group consisting of:

8   graphing applets for generating graphical diagrams;

9   table producing applets for generating tables; and

10   multimedia applets for generating multimedia

11 presentations.

1   18. (new) The method according to claim 17, wherein

2 said template comprises:

3   title information;

4   descriptive data for labeling said display

5 presentation; and

6   JavaScript code to communicate size and location

7 information to said at least one applet for directing the

8 formatting of said display presentation.

1   19. (new) The method of claim 18, further comprising

2   the step of stripping test data from said HTML template,

3   wherein some further portion of some portion of said

4   retrieved data replaces said stripped test data.

1   20. (new) A system for displaying display

2   presentations on a user computer, said system comprising:

3   a communication network for connecting a user

4   computer to the system;

5   a web server for receiving a web page request from

6   the user computer over said communication network,

7   wherein said web server serves a servlet in response to

8   receiving said web page request;

9   an HTML template stored on said system, said HTML

10   template comprising display information and interpreter

11   commands;

12   a servlet engine for executing said servlet served

13   by said web server

14   an interpreter for interpreting said HTML template,

15   said interpreter activated by the execution of said

16   servlet;

17   a database server for retrieving database data from

18   a database for serving to said interpreter, wherein said

19   interpreter generates a web page using said database

20   data, and further wherein said web server serves said web

21   page to the user computer over said communication network

22   in response to said web page request, said web page for

23   directing the user computer to generate said display

24   presentation to display results of a previously conducted

25   survey.

1   21. (new) The system according to claim 20, wherein
2   said web server serves at least one applet to said user
3   computer, said at least one applet for formatting some
4   portion of said display presentation on the user
5   computer, said at least one applet chosen from the group
6   consisting of:
7   graphing applets for generating graphical diagrams;
8   table producing applets for generating tables; and
9   multimedia applets for generating multimedia
10   presentations for displaying previously conducted survey
11   results.

1   22. (new) The system according to claim 21, wherein
2   said template further comprises:
3   title information;
4   descriptive data for labeling said display
5   presentation; and
6   JavaScript code to communicate size and location
7   information to said at least one applet for directing the
8   formatting of said display presentation.

1   23. (new) The system according to claim 20, wherein
2   said interpreter comprises:
3   macro processing services for executing said
4   interpreter commands, said interpreter commands including
5   macros.

1   24. (new) The system according to claim 20, wherein
2   said database comprises a plurality of sub-databases
3   including:
4   a template sub-database;
5   a survey data sub-database;

6   a sample and administrative data sub-database;

7   and

8   a normative data sub-database.

1   25. (new) A system for generating display

2   presentations on a user computer, said system comprising:

3   a communication network for connecting a user

4   computer to the system;

5   a web server for receiving a web page request from

6   the user computer and for serving a presentation to the

7   user computer over said communication network;

8   a servlet engine for executing servlets served by

9   said web server according to said web page request from

10 the user computer;

11   an HTML template comprising display information,

12 interpreter commands, and display data information, said

13 HTML template corresponding to said web page request;

14   an interpreter for interpreting said HTML template,

15 said interpreter activated by the execution of said

16 servlet; and

17   a database server for retrieving database data from

18 at least one database for serving to said interpreter,

19 wherein said interpreter requests said database data

20 according to data information embedded within said HTML

21 template or embedded within said web page request, said

22 database server also for serving said HTML template from

23 a template database to said interpreter; wherein

24   said interpreter generates said web page including

25 said HTML code containing a reference to said at least

26 one applet, said web page generated according to said

27 HTML template, said web page also including some first

28 portion of said database data, said interpreter further

29 embedding modified data in said web page, said modified

30 data generated according to some subset of said

31 interpreter commands and utilizing some second portion of

32 said database data; and further wherein

33   said web server serves said web page and said applet·

34 to the user computer for directing the user computer to

35 generate a display presentation.

1   26. (new) The system according to claim 25, wherein

2 said at least one database comprises a plurality of

3 databases including:

4   a template database;

5   a survey data database;

6   a sample and administrative data database; and

7   a normative data database.

1   27. (new) The system according to claim 26, wherein

2 said template further comprises

3   title information;

4   descriptive data for labeling said display

5 presentation; and

6   JavaScript code to communicate size and location

7 information to said at least one applet for directing the

8 size and location of a graph or a table included in said

9 display presentation.

1   28. (new) The system according to claim 27, wherein

2 said display data information includes test data and

3 further wherein said interpreter comprises:

4   macro processing services for executing said

5 interpreter commands including macros;

6   output services for transforming database data

7 according to HTML or JavaScript requirements;

8   database access services for maintaining connections

9   to said database server, for issuing Structured Query

10 Language statements to said database server, and for

11 opening and closing result sets;

12   test data identification and deletion services for

13 deleting said test data from said template, wherein said

14 interpreter replaces said test data with said modified

15 data or some third portion of said database data;

16   query parsing services for standardizing,

17 interpreting, and decoding HTML queries;

18   error processing services for identifying error

19 conditions, for generating error messages, and also for

20 providing query redirection when necessary; and

21   context maintenance for storing information provided

22 by the user computer that identifies user privileges used

23 for ensuring that the user computer is permitted system

24 access, display preferences for customizing said display

25 presentation, or analysis conditions also for customizing

26 said display presentation.

1   29. (new) A system for generating a web page for

2 displaying a display presentation on a user computer,

3 comprising:

4   means for receiving a web page request from a user

5 computer, said web page request for generating said

6 display presentation on the user computer;

7   means for executing a servlet corresponding to said

8 web page request;

9   means for retrieving an HTML template according to

10 said executed servlet, said HTML template corresponding

11 to said web page request;

12   means for interpreting said HTML template, said

13 interpreting said HTML template including the steps of:

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14   retrieving display data from a database, said

15   display data included in one or more structure

16   tables; and

17   executing commands referenced in said HTML

18   template, said commands for generating said web page

19   utilizing said display data;

20   and

21   means for serving said web page to the user

22   computer, said web page thereby displaying said display

23   presentation on the user computer, wherein

24   said display presentation is for presenting survey

25   results of a previously conducted survey based on said

26   structure table, and further wherein

27   a display presentation of another survey can be

28   presented by substituting another one or more structure

29   tables for said one or more structure tables.

1   30. (new) A system for generating display

2   presentations on a user computer, said system comprising:

3   a communication network for connecting a user

4   computer to the system;

5   a web server for receiving a web page request from

6   the user computer and for serving a presentation to the

7   user computer over said communication network;

8   a servlet engine for executing servlets served by

9   said web server according to said web page request from

10   the user computer;

11   an HTML template comprising test data, wherein said

12   HTML template corresponds to said web page request;

13   an interpreter for interpreting said HTML template,

14   said interpreter activated by the execution of said

15   servlet, wherein said interpreter strips said test data

16   from said HTML template and embeds previously collected

17 survey data in said HTML template for said web server to

18 serve to said user for generating said display

19 presentation.

1   31. (new) A system for generating a display

2 presentation on a user computer comprising:

3   means for connecting a user computer to a web server

4 over a network;

5   means for validating the user computer;

6   means for accepting a web page request from the user

7 computer;

8   means for determining if said web page request is

9 for generating said display presentation;

10   means for executing a servlet corresponding to said

11 web page request if it was determined that said web page

12 request was for generating said display presentation;

13   means for retrieving an HTML template corresponding

14 to said executed servlet;

15   means for interpreting said HTML template, said

16 interpreting said HTML template including the steps of:

17   retrieving retrieved data from a database

18   according to said servlet execution, said retrieved

19   data including:

20   survey data and normative data for

21   generating custom display presentations; and

22   descriptive data for labeling said display

23   presentation;

24   and

25   embedding some portion of said retrieved data

26   in said HTML template; and

27   executing at least one command referenced in

28   said HTML template, said at least one command for

29   generating a display web page utilizing said

30   retrieved data;

31 and

32   means for serving said display web page to the user

33 computer, said display web page for displaying a display

34 presentation for displaying results of a previously

35 conducted survey and including a graphical diagram, a

36 table, and a multi-medial presentation on the user

37 computer.